



Missouri
Department of
Natural Resources

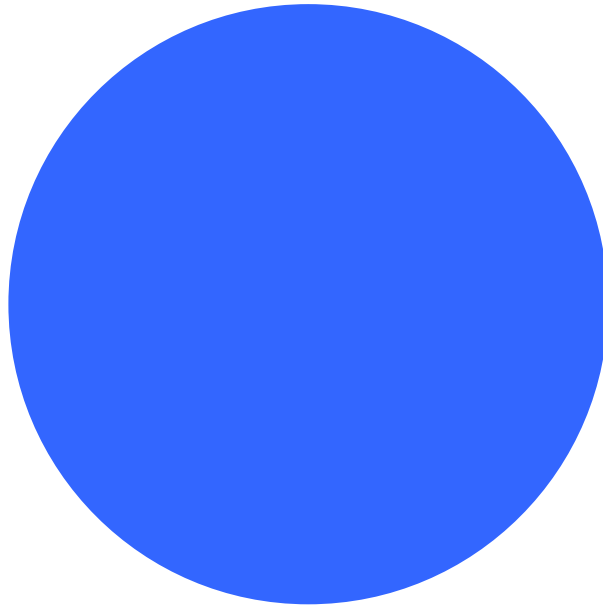
**Sho-Me Power Electric Cooperative
Utility-Owned Electric Generation and Emissions in 2009**

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power						
Oil-fired power						
Nuclear power						
Other non-renewable power						
Non-renewable total	0	0.00%	0.00%	0	0.00%	0.00%
Renewable sources						
Hydroelectric Power	42,593	100.00%		4,364	100.00%	
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	42,593	100.00%	100.00%	4,364	100.00%	100.00%
Grand total all sources	42,593		100.00%	4,364		100.00%

Fuel Type	Physical Units	Number of Units
Hydroelectric		0



Net Generation by Fuel Type, 2009 for Sho-Me Power Electric Cooperative



■ Hydroelectric Power:
100.00%



Emissions from Electricity Generated in 2009: Sho-Me Power Electric Cooperative

Plant	Carbon Dioxide (CO ₂) (Tons)	Carbon Monoxide (CO) (Tons)	Ammonia (NH ₃) (Tons)	Nitrogen Oxides (NO _x) (Tons)	Sulfur Dioxides (SO ₂) (Tons)
Sho-Me Power Electric Cooperative	NV	NV	NV	NV	NV
Niangua	0.00	NV	NV	NV	NV

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM ₁₀ Total) (Tons)	Fine Particulate Matter (PM _{2.5} Total) (Tons)	Mercury (Hg) (LBS)
Sho-Me Power Electric Cooperative	NV	NV	NV	NV

'NV' = Emissions value not available.

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



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**Pollution controls installed on plants operated by Sho-Me Power Electric
Cooperative**

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Niangua	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Niangua	No NOX Controls Installed			



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**Missouri Power plants owned and operated by Sho-Me Power Electric Cooperative
in 2009**

Plant	County	Primary Fuel	Capacity (MW)	Net Generation (MWh)
Niangua	Camden	Hydroelectric	3	4,364

Data Sources

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/cneaf/electricity/page/eia906_920.html